

CONSTRUCTION PLANS - FOR BID, ISSUED APRIL 19, 2024

REHABILITATE RUNWAY 9/27

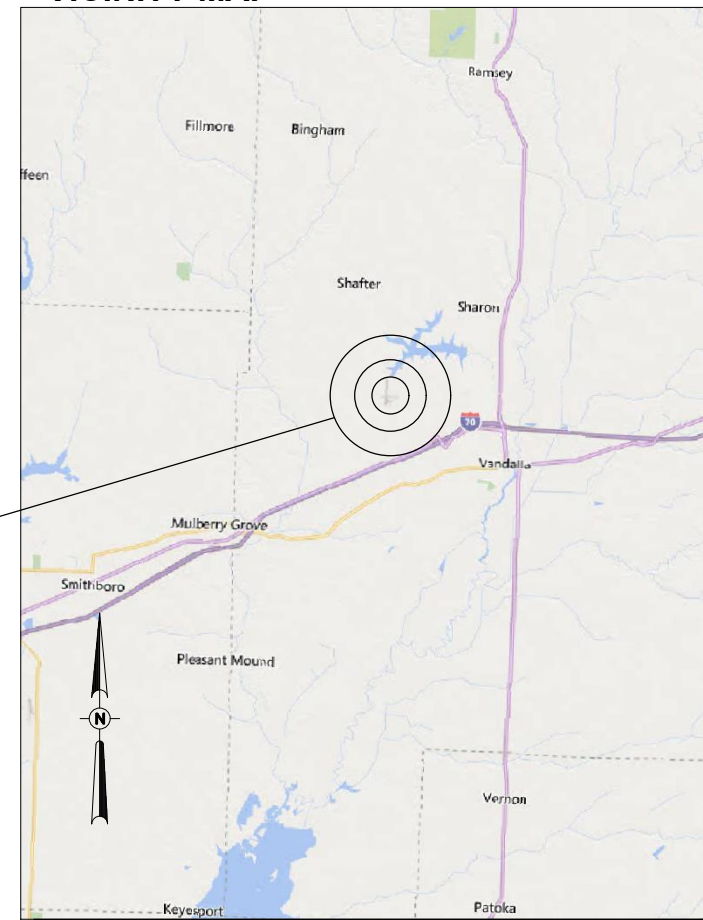
VANDALIA PARK DISTRICT
VANDALIA MUNICIPAL AIRPORT (VLA)
VANDALIA, FAYETTE COUNTY, ILLINOIS

IL. PROJECT NO.: VLA-5123
SBG PROJECT NO. 3-17-SBGP-TBD

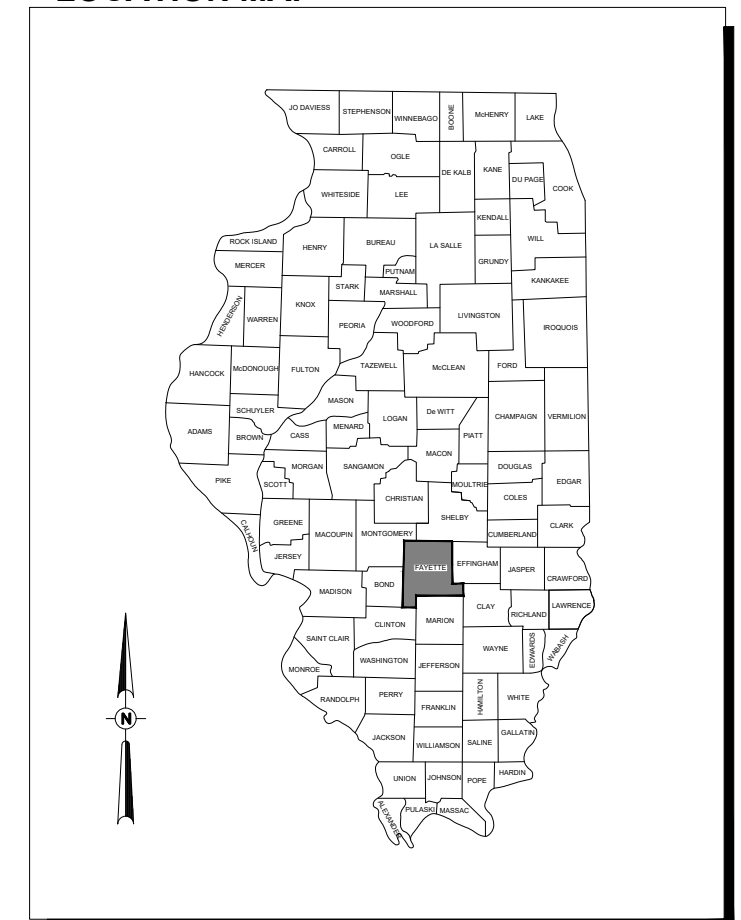
SCOPE OF WORK:

THIS PROJECT SHALL CONSIST OF THE REHABILITATION OF THE EXISTING RUNWAY 9/27 PAVEMENT. THIS PROJECT INCLUDES CRACK REPAIR, BITUMINOUS MILLING, BITUMINOUS PLACEMENT, PAVEMENT MARKING AND ASSOCIATED ITEMS.

VICINITY MAP



LOCATION MAP



VANDALIA MUNICIPAL AIRPORT

NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

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No.	Issue/Description	Sheets Changed	Date	By

HANSON
HANSON PROFESSIONAL SERVICES INC.
1525 S. 6th Street
Springfield, IL 62703
phone: 217-788-2450
fax: 217-788-2503

Jaycen Herndon
Jaycen Herndon, P.E.
Project Engineer

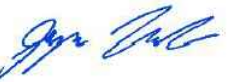
Lic. Exp. 11/30/2025

04/19/2024
Date

VANDALIA PARK DISTRICT
900 North Locust Street
Vandalia, Illinois 62471

Michael R. Radliff
Michael R. Radliff
Vandalia Park District

04/19/2024
Date



DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE
RUNWAY 9/27

IDA No: VLA-5123
SBG No. 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: APRIL 19, 2024
PROJECT NO: 24A0006.00
CAD FILE: G-002-FLP.DWG
DESIGN BY: JRH 02/22/2024
DRAWN BY: AJL 02/23/2024
REVIEWED BY: JRH 04/19/2024

SHEET TITLE

SUMMARY OF
QUANTITIES AND
INDEX TO SHEETS

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	L SUM	1	
AR150520	MOBILIZATION	L SUM	1	
AR150530	TRAFFIC MAINTENANCE	L SUM	1	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	FOOT	15,000	
AR401614	BIT. SURF. CSE.-METHOD II, SUPERPAVE	TON	3,260	
AR401630	BITUMINOUS SURFACE TEST SECTION	EACH	1	
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	27,170	
AR603510	BITUMINOUS TACK COAT	GALLON	2,174	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	17,750	
AR620525	PAVEMENT MARKING-BLACK BORDER	SQ FT	4,497	

INDEX TO SHEETS	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	SCOPE OF WORK
4	CONSTRUCTION SAFETY PLAN - PHASE 1
5	CONSTRUCTION SAFETY PLAN - PHASE 2
6	CONSTRUCTION SAFETY PLAN - PHASE 3
7	CONSTRUCTION SAFETY DETAILS AND NOTES - SHEET 1
8	CONSTRUCTION SAFETY DETAILS AND NOTES - SHEET 2
9	PROPOSED TYPICAL SECTIONS
10	PROPOSED CONSTRUCTION PLAN - SHEET 1
11	PROPOSED CONSTRUCTION PLAN - SHEET 2
12	PROPOSED PLAN & PROFILE - SHEET 1
13	PROPOSED PLAN & PROFILE - SHEET 2
14	PROPOSED PLAN & PROFILE - SHEET 3
15	PROPOSED MARKING PLAN - SHEET 1
16	PROPOSED MARKING PLAN - SHEET 2
17	MARKING DETAILS AND NOTES

GENERAL NOTES:

QUANTITIES

PAYMENT WILL BE MADE UNDER THE ITEM NUMBERS, DESCRIPTIONS AND UNITS NOTED IN THE ABOVE TABLE IN ACCORDANCE WITH THE BASIS OF PAYMENT FOR EACH RESPECTIVE WORK ITEM COMPLETED AND ACCEPTED BY THE ENGINEER.

CERTIFIED PAYROLLS

THE RESIDENT ENGINEER/TECHNICIAN CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

MATERIAL CERTIFICATIONS

MATERIALS TO BE INCORPORATED INTO THE PROJECT CANNOT BE USED WITHOUT PRIOR APPROVAL. ALL MATERIALS TO BE USED IN THE PROJECT MUST BE SUBMITTED TO THE RESIDENT ENGINEER/TECHNICIAN FOR APPROVAL. USE OF MATERIALS WITHOUT PRIOR APPROVAL AND ULTIMATELY DETERMINED TO BE UNACCEPTABLE BY THE ILLINOIS DIVISION OF AERONAUTICS ARE SUBJECT TO REMOVAL AND/OR NON-PAYMENT.



DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE RUNWAY 9/27

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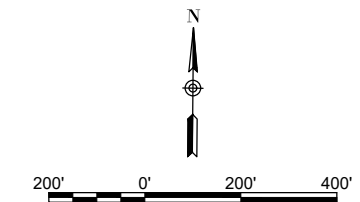
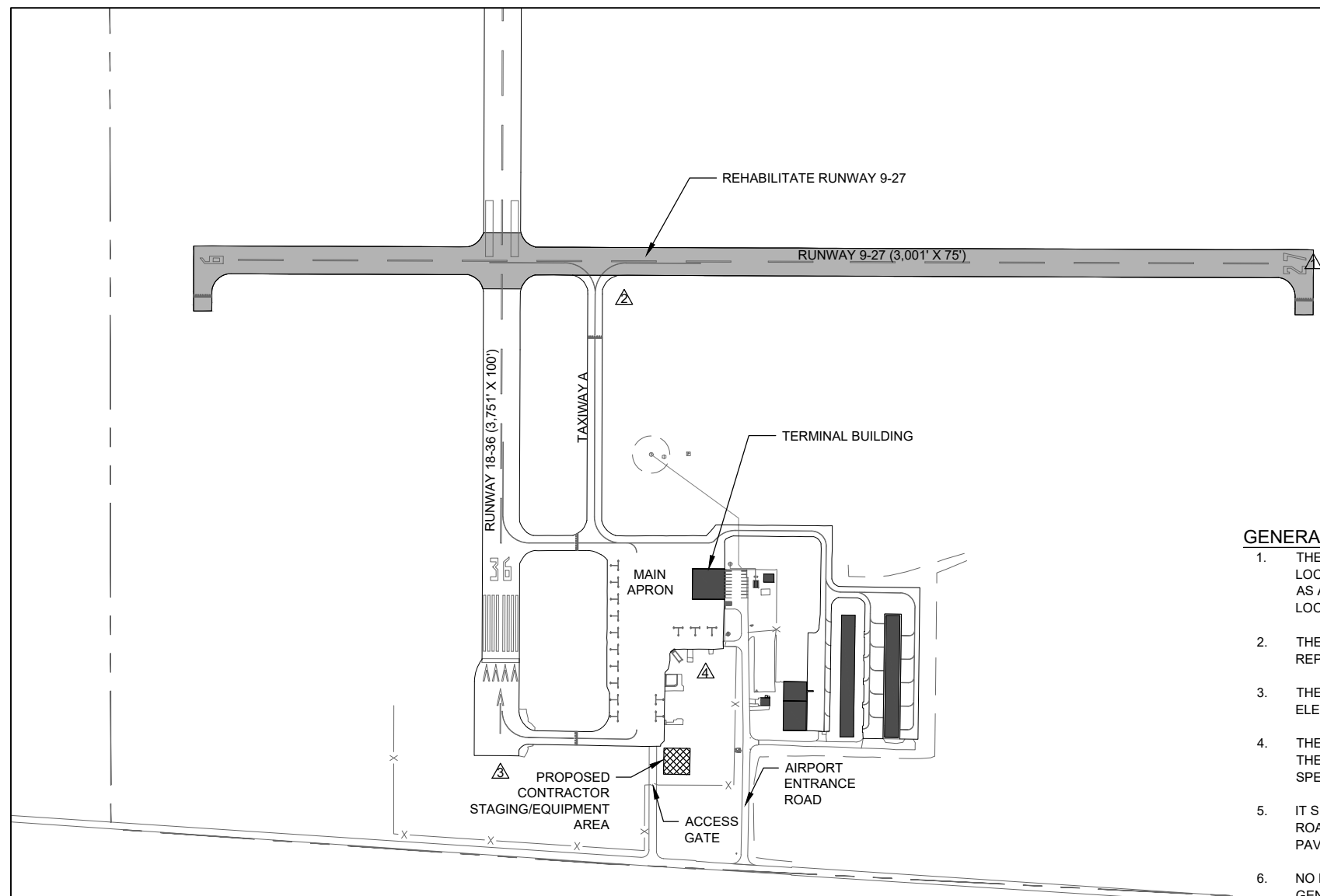
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DRAWN BY: AJL 02/26/2024
REVIEWED BY: JRH 04/19/2024

SHEET TITLE

SCOPE OF WORK

FOR BID



LEGEND:

	EXISTING PAVEMENTS
	PROPOSED PAVEMENT REHAB
	EXISTING BUILDINGS
	CONTRACTOR STAGING AREA
	SURVEY MONUMENT

GENERAL NOTES

- THE SCOPE OF WORK SHEET IS INTENDED ONLY AS A GENERAL DESCRIPTION OF WORK ITEMS AND THEIR APPROXIMATE LOCATIONS AND LIMITS. FOR THE PURPOSE OF UNDERSTANDING THE SCOPE OF THE PROJECT. THIS SHEET SHALL NOT BE USED AS A CONSTRUCTION PLAN. REFER TO THE FOLLOWING PLAN SHEETS FOR DETAILED CONSTRUCTION REQUIREMENTS, LOCATIONS, AND ITEMS OF WORK.
- THE WORK FOR THIS PROJECT SHALL CONSIST OF REHABILITATING RUNWAY 9-27. WORK ITEMS INCLUDE 2" MILLING, CRACK REPAIR, ASPHALT PAVING, AND PAVEMENT MARKING.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL ELEMENTS OF THE PROJECT AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS.
- THE RULES, REGULATIONS, AND SPECIFICATIONS ENUMERATED HEREIN SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS. THEY SHALL NOT PROHIBIT THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIAL THAN ARE SPECIFIED HEREIN.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT, PRESERVE AND REPAIR THE EXISTING AIRFIELD AND ROADWAY PAVEMENTS AT ALL TIMES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING ELECTRICAL, DRAINAGE, AND PAVEMENT STRUCTURES AT NO ADDITIONAL COST TO THE CONTRACT.
- NO EQUIPMENT SHALL BE PERMITTED TO CROSS OR USE ANY EXISTING PAVEMENTS OUTSIDE THE CONSTRUCTION LIMITS, GENERAL PROJECT AREA OR HAUL ROUTE.
- CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
- UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS OUTSIDE OF THE PROPOSED CONSTRUCTION LIMITS SHALL BE GRADED, SEEDED AND/OR HYDROMULCH SEEDED IN ACCORDANCE WITH ITEM 901 AND 908 AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL WASTE MATERIAL SHALL BE HAULED FROM THE AIRPORT AND PROPERLY DISPOSED OF UNLESS OTHERWISE SPECIFIED HEREIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR HAULING ON PUBLIC ROADS. AS APPLICABLE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGES TO ANY PAVEMENTS (PUBLIC OR PRIVATE) CAUSED BY HIS/HER CONSTRUCTION EQUIPMENT OR PERSONNEL.
- THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
- THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER/TECHNICIAN SO THEY MAY DEVELOP ONE SET OF REDLINED AS-BUILT RECORD DRAWINGS AT THE COMPLETION OF THE PROJECT.
- THE CONSTRUCTION LIMITS SHALL BE RESTRICTED TO AREAS THAT ARE ABSOLUTELY NECESSARY TO DISTURB TO COMPLETE THE REQUIRED WORK ITEMS. LIMITS SHALL BE COORDINATED WITH THE RESIDENT ENGINEER PRIOR TO BEGINNING ANY WORK.
- CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ALL GRASS, STONE, OR PAVEMENT DISTURBED BY CONTRACTOR'S CONSTRUCTION OPERATIONS, STAGING, AND CONSTRUCTION ACCESS/HAUL ROUTES. DISTURBED AREAS TO BE REPAIRED, GRADED, AND MULCHED SEEDED IN ACCORDANCE WITH ITEMS 901 AND 908, UNLESS OTHERWISE NOTED. STAGING AREA AND SITE ACCESS RESTORATION SHALL BE INCLUDED IN THE COST OF MOBILIZATION.
- THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT TO SATISFACTION OF THE RESIDENT ENGINEER/TECHNICIAN IS TO BE INCLUDED IN THE COSTS OF PERFORMING THESE ITEMS.
- ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE WITH THE PROPER PERSONS FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES.
- THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PROPER DRAINAGE FOR ALL AREAS AFFECTED BY HIS/HER WORK.

UTILITY NOTE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF ITS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND THE RESIDENT ENGINEER/TECHNICIAN SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND LOCATED BY THE FAA. ALSO CONTACT AIRPORT MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

J.U.L.I.E. INFORMATION

COUNTY _____ FAYETTE
CITY _____ VANDALIA
TOWNSHIP _____ BEAR GROVE
SECTION NO. _____ 2
ADDRESS _____ VANDALIA MUNICIPAL AIRPORT
CR 1700 N & TANDEM AVE.
VANDALIA, ILLINOIS 62471



SURVEY CONTROL POINTS				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
△	MAG NAIL IN PAVEMENT	847187.43	749369.08	537.26
△	NGS- VANPORT PID:JB2059	847091.96	747548.88	532.39
△	NGS- A 257 PID:JB0772	845821.47	747217.42	530.73
△	NGS- Z 256 RESET PID:JB2076	846090.17	747767.38	531.36

SURVEY NOTES

- ALL COORDINATE VALUES SHOWN IN TABLE ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD-83 (2011). ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND ANY EXTENSION OF THE CONTROL NETWORK NEEDED TO PROPERLY COMPLETE THE WORK.



Jaycen R. Herndon

DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

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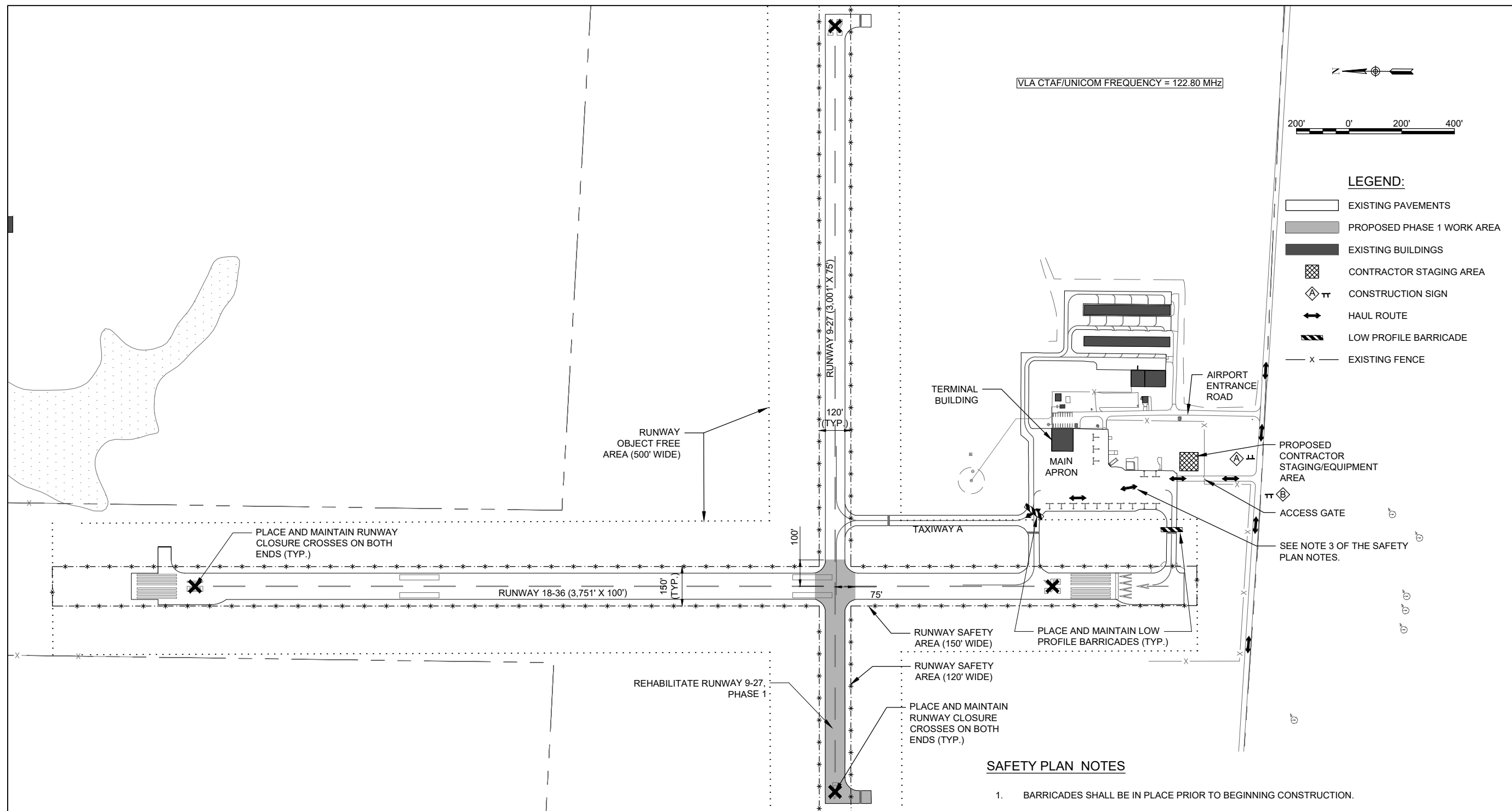
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 REVIEWED BY: JRH 04/19/2024

SHEET TITLE

CONSTRUCTION SAFETY PLAN - PHASE 1

FOR BID



APR 19, 2024 2:39 PM HERND01562 I:\24\JOBS\24A0006_00\CAD\AIRPORT\1\SHEET\G-004-SFY

SAFETY PLAN COMPLIANCE DOCUMENT

1. PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT MANAGER SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE ENGINEER FOR APPROVAL PRIOR TO THE NTP ISSUANCE.



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REHABILITATE
 RUNWAY 9/27

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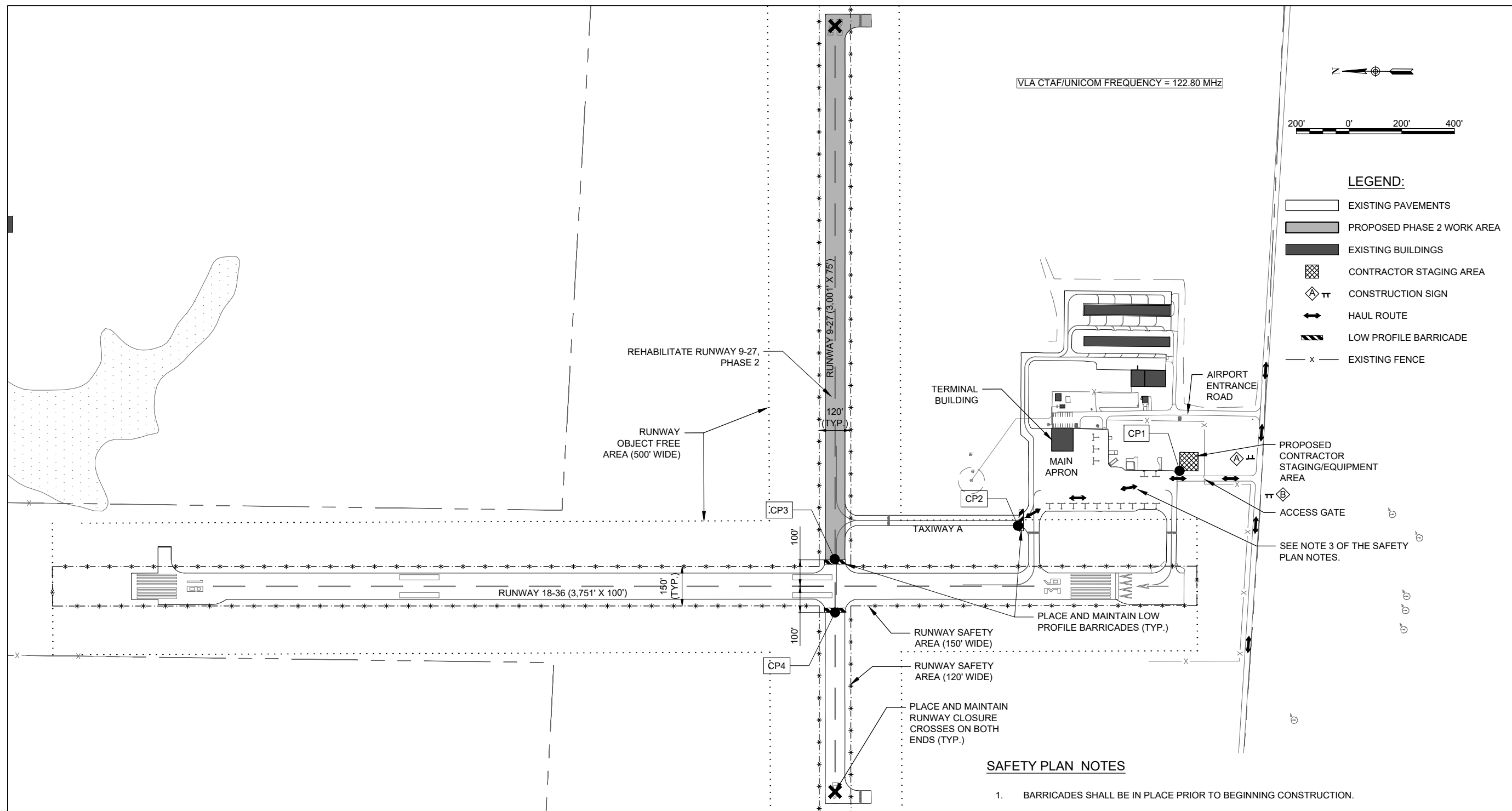
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SHEET TITLE

CONSTRUCTION
 SAFETY PLAN -
 PHASE 2

FOR BID



VLA CTAF/UNICOM FREQUENCY = 122.80 MHz

REHABILITATE RUNWAY 9-27, PHASE 2

RUNWAY OBJECT FREE AREA (500' WIDE)

TERMINAL BUILDING

MAIN APRON

AIRPORT ENTRANCE ROAD

TAXIWAY A

RUNWAY 18-36 (3,751' X 100')

PLACE AND MAINTAIN LOW PROFILE BARRICADES (TYP.)

RUNWAY SAFETY AREA (150' WIDE)

RUNWAY SAFETY AREA (120' WIDE)

PLACE AND MAINTAIN RUNWAY CLOSURE CROSSES ON BOTH ENDS (TYP.)

SAFETY PLAN NOTES

- BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR MAY NOT WORK IN BOTH PHASES AT THE SAME TIME WITH THE EXCEPTION OF PAVEMENT MARKING.
- FLAGPERSONS AND/OR ESCORTS MAY BE NECESSARY TO ENSURE PROPER CONTROL OF CONSTRUCTION VEHICLE TRAFFIC ACROSS ACTIVE AIRFIELD PAVEMENTS. PAVEMENTS ARE TO BE KEPT FREE OF DEBRIS AT ALL TIMES. COSTS TO MAINTAIN ACTIVE/CLEAN PAVEMENTS SHALL BE INCLUDED IN ITEM AR150530 TRAFFIC MAINTENANCE.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.
- AT THE COMPLETION OF ALL WORK AREA CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COST FOR PROVISION, PLACEMENT, MAINTENANCE, AND REMOVAL OF BARRICADES ON THE AIRFIELD AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.

PHASE 2 NOTES:

- PHASE 2 INCLUDES BITUMINOUS PAVEMENT MILLING, CRACK SEALING, BITUMINOUS PAVING, AND ASSOCIATED ITEMS WITHIN THE PROJECT LIMITS.
- RUNWAY 9/27 WILL BE CLOSED DURING THIS PHASE.
- ALL EQUIPMENT MUST BE LOWERED WHEN NOT IN USE OR IN TRANSIT AND MAY NOT BE LEFT WITHIN 250' OF THE RUNWAY CENTERLINES, EXTENDED.
- A PERIOD OF 30 CALENDAR DAYS (MINIMUM) SHALL ELAPSE BETWEEN THE FINAL PLACEMENT OF BITUMINOUS SURFACE COURSE AND THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. IF THERE ARE NO REMAINING WORK ITEMS BESIDES THE PERMANENT PAVEMENT MARKINGS, THE OVERALL CONTRACT TIME WILL BE SUSPENDED AND WILL RESUME FOR THE MARKING WORK.

CRITICAL POINTS

NO.	DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	TOP ELEV.
CP1	CONTRACTOR LAYDOWN AREA	N038°59'11.95"	W089°09'56.39"	532'	25'	557'
CP2	BARRICADE TAXIWAY	N038°59'18.02"	W089°09'59.08"	530'	25'	555'
CP3	BARRICADE RUNWAY	N038°59'24.86"	W089°09'24.86"	532'	25'	557'
CP4	BARRICADE RUNWAY	N038°59'24.84"	W089°09'24.84"	532'	25'	557'

SAFETY PLAN COMPLIANCE DOCUMENT

- PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT MANAGER SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE ENGINEER FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

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Engineering | Planning | Allied Services
 Hanson Professional Services Inc.
 1525 S. 6th Street
 Springfield, IL 62703
 phone: 217-788-2450
 fax: 217-788-2503
 Offices Nationwide
 www.hanson-inc.com

Illinois Licensed
 Professional Service Corporation
 #184-001084

Vandalia Park District
 900 North Locust Street
 Vandalia, Illinois 62471



Jaycen R. Herndon

DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE RUNWAY 9/27

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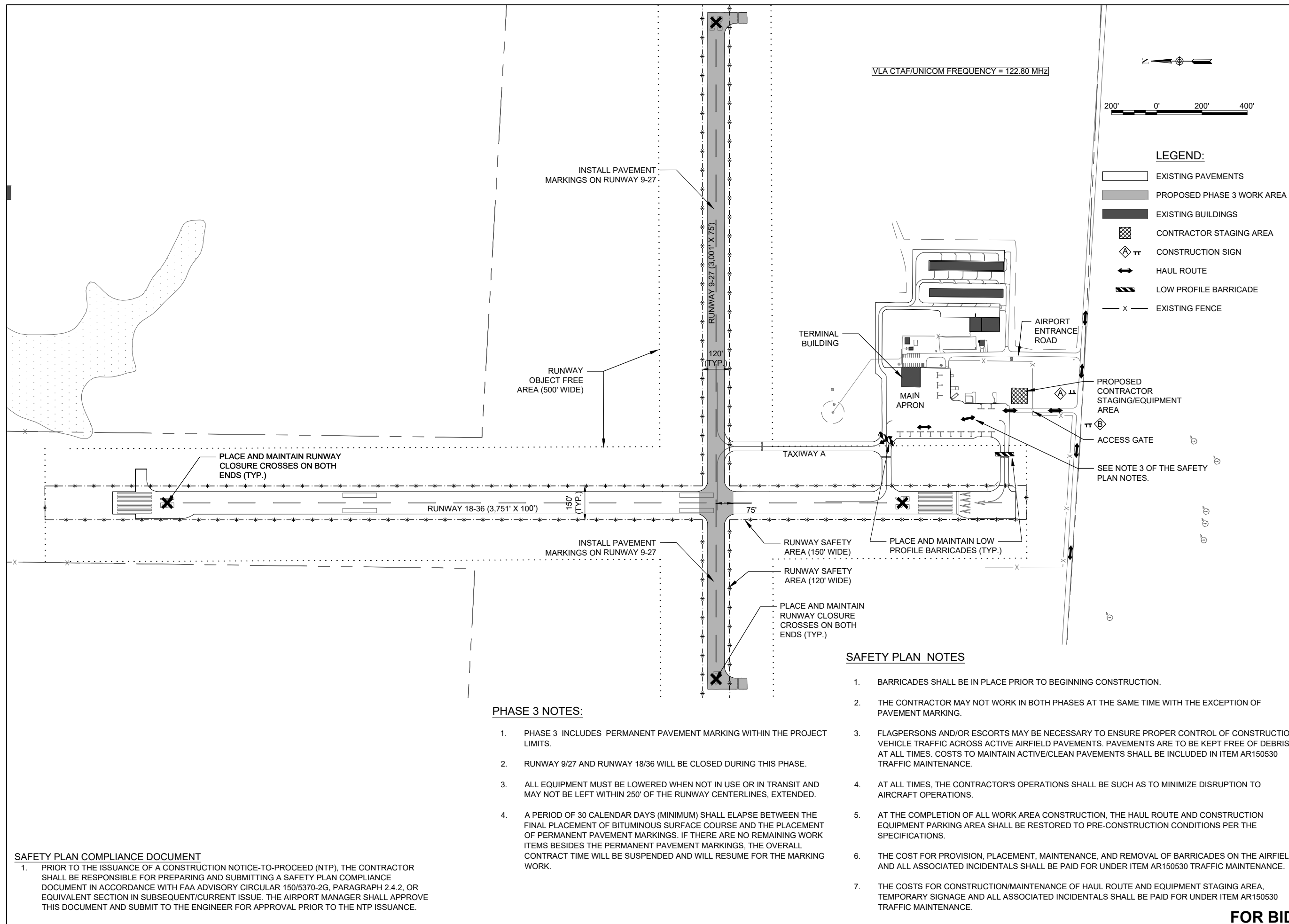
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SHEET TITLE

CONSTRUCTION SAFETY PLAN - PHASE 3

FOR BID



PHASE 3 NOTES:

1. PHASE 3 INCLUDES PERMANENT PAVEMENT MARKING WITHIN THE PROJECT LIMITS.
2. RUNWAY 9/27 AND RUNWAY 18/36 WILL BE CLOSED DURING THIS PHASE.
3. ALL EQUIPMENT MUST BE LOWERED WHEN NOT IN USE OR IN TRANSIT AND MAY NOT BE LEFT WITHIN 250' OF THE RUNWAY CENTERLINES, EXTENDED.
4. A PERIOD OF 30 CALENDAR DAYS (MINIMUM) SHALL ELAPSE BETWEEN THE FINAL PLACEMENT OF BITUMINOUS SURFACE COURSE AND THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. IF THERE ARE NO REMAINING WORK ITEMS BESIDES THE PERMANENT PAVEMENT MARKINGS, THE OVERALL CONTRACT TIME WILL BE SUSPENDED AND WILL RESUME FOR THE MARKING WORK.

SAFETY PLAN NOTES

1. BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
2. THE CONTRACTOR MAY NOT WORK IN BOTH PHASES AT THE SAME TIME WITH THE EXCEPTION OF PAVEMENT MARKING.
3. FLAGPERSONS AND/OR ESCORTS MAY BE NECESSARY TO ENSURE PROPER CONTROL OF CONSTRUCTION VEHICLE TRAFFIC ACROSS ACTIVE AIRFIELD PAVEMENTS. PAVEMENTS ARE TO BE KEPT FREE OF DEBRIS AT ALL TIMES. COSTS TO MAINTAIN ACTIVE/CLEAN PAVEMENTS SHALL BE INCLUDED IN ITEM AR150530 TRAFFIC MAINTENANCE.
4. AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.
5. AT THE COMPLETION OF ALL WORK AREA CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
6. THE COST FOR PROVISION, PLACEMENT, MAINTENANCE, AND REMOVAL OF BARRICADES ON THE AIRFIELD AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
7. THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.

SAFETY PLAN COMPLIANCE DOCUMENT

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**REHABILITATE
RUNWAY 9/27**

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SHEET TITLE

**CONSTRUCTION
SAFETY DETAILS
AND NOTES - SHEET 1**

SAFETY NOTES

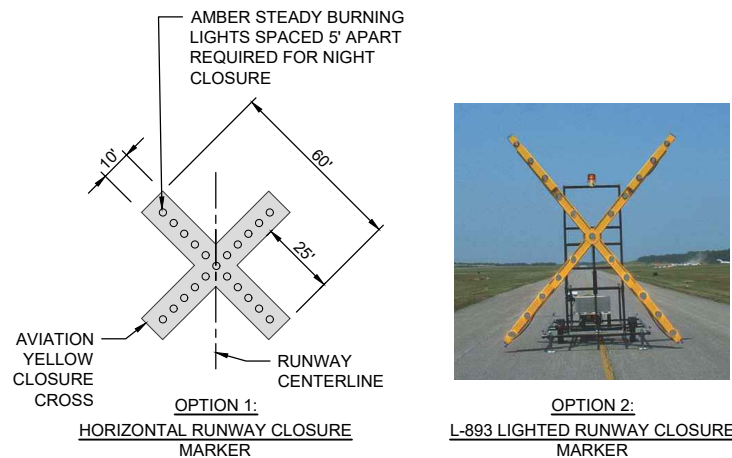
1. FOLLOWING ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS PROJECT.
2. ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, OR AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER/TECHNICIAN AT THE PRECONSTRUCTION CONFERENCE, OR DURING THE COURSE OF THE CONTRACT.
3. THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS.
4. NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
5. CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED IN THE EQUIPMENT PARKING/STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRECONSTRUCTION CONFERENCE.
6. ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
7. NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 62' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
8. CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
9. NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 93' OF ANY AIRPORT OPERATIONS AREA WILL BE PERMITTED UNLESS PROPERLY MARKED. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
10. OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
11. NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE AIRPORT. HOWEVER OTHER EQUIPMENT TALLER THAN 25' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.
12. NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
13. SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEEP, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
14. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS. STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE.
15. ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
16. CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AND CLOSURE CROSSES WHEN A RUNWAY/TAXIWAY/APRON IS CLOSED OR AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN.
17. CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
18. THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
19. CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
20. CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
21. CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
22. THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST.
23. NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE RUNWAY, INCLUDING TURF RUNWAYS. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 62' OF ANY OTHER ACTIVE AIRPORT TAXIWAY OR APRON. HOWEVER, CONSTRUCTION MAY BE PERMITTED IN THESE AREAS IF THE CONTRACTOR HAS GAINED APPROVAL FROM THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE OF THE SCHEDULED CONSTRUCTION PERIOD AND THE OPERATIONAL AREA IS CLOSED TO TRAFFIC AND PROPER NOTAMS ARE ISSUED BY THE AIRPORT MANAGER TO THE APPROPRIATE FLIGHT SERVICE STATION.
24. UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.

CLOSURE CROSS NOTES

1. RUNWAY CLOSURE CROSS MARKINGS SHALL BE LIGHTED DURING DARKNESS AND PERIODS OF REDUCED VISIBILITY. THE LIGHTED MARKERS SHALL BE PLACED OVER THE RUNWAY NUMERALS OR IMMEDIATELY OFF THE END OF THE RUNWAY ON THE EXTENDED CENTERLINE, AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. THE CONTRACTOR SHALL PROVIDE THE RUNWAY CLOSURE CROSSES BY ONE OF TWO OPTIONS:

 OPTION 1: TEMPORARY CLOSURE CROSS MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.

 OPTION 2: THE CONTRACTOR SHALL PROVIDE TWO (2) L-893 LIGHTED RUNWAY CLOSURE MARKERS, MEETING THE REQUIREMENTS IN FAA ADVISORY CIRCULAR 150/5345-55 AND SHALL BE IN PLACE AND OPERATING WHENEVER THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED.
3. TAXIWAY CLOSURE CROSSES SHALL MEET OPTION 1 IN THE ABOVE NOTE.
4. THE CONTRACTOR SHALL MAKE FREQUENT INSPECTION OF THE LIGHTED CROSSES AND MAKE PROMPT REPAIRS AS NECESSARY.
5. THE CONTRACTOR SHALL BE ON-CALL FOR 24-HOUR EMERGENCY MAINTENANCE WHEN LIGHTED CROSSES ARE BEING USED.
6. LIGHTED MARKERS SHALL BE SECURED FROM WIND EFFECTS BY THE CONTRACTOR AS RECOMMENDED BY THE MANUFACTURER.
7. COST FOR PROVIDING, PLACING, OPERATING, MAINTAINING, RELOCATING AND REMOVING CLOSURE CROSSES SHALL BE INCLUDED IN THE COST OF MOBILIZATION.

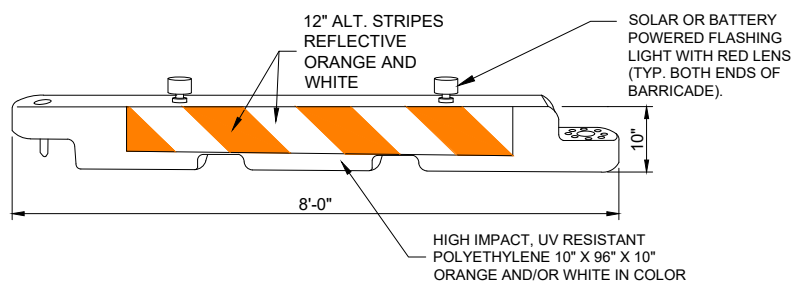


RUNWAY CLOSURE CROSS MARKER DETAIL

NOT TO SCALE

BARRICADE NOTES

1. CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
2. BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT IN 4' INCREMENTS. BARRICADES ARE TO BE SET BACK 66' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
3. CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
4. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR BEFORE SUNSET AND 1/2 HOUR AFTER SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
5. BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
6. THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
7. COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING BARRICADES SHALL BE INCLUDED IN THE COST OF THE TRAFFIC MAINTENANCE.



LOW-PROFILE BARRICADE DETAIL

NOT TO SCALE

DETAIL ABOVE REPRESENTS ONE OPTION FOR LOW-PROFILE BARRICADES. OTHER OPTIONS MAY BE UTILIZED AS LONG AS THEY MEET THE REQUIREMENTS OF THE PROJECT, INCLUDING BARRICADE NOTE 1.



Jaycen R. Herndon

DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE
 RUNWAY 9/27

IDA No: VLA-5123
 SBG No. 3-17-SBGP-TBD

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SHEET TITLE

CONSTRUCTION
 SAFETY DETAILS
 AND NOTES - SHEET
 2

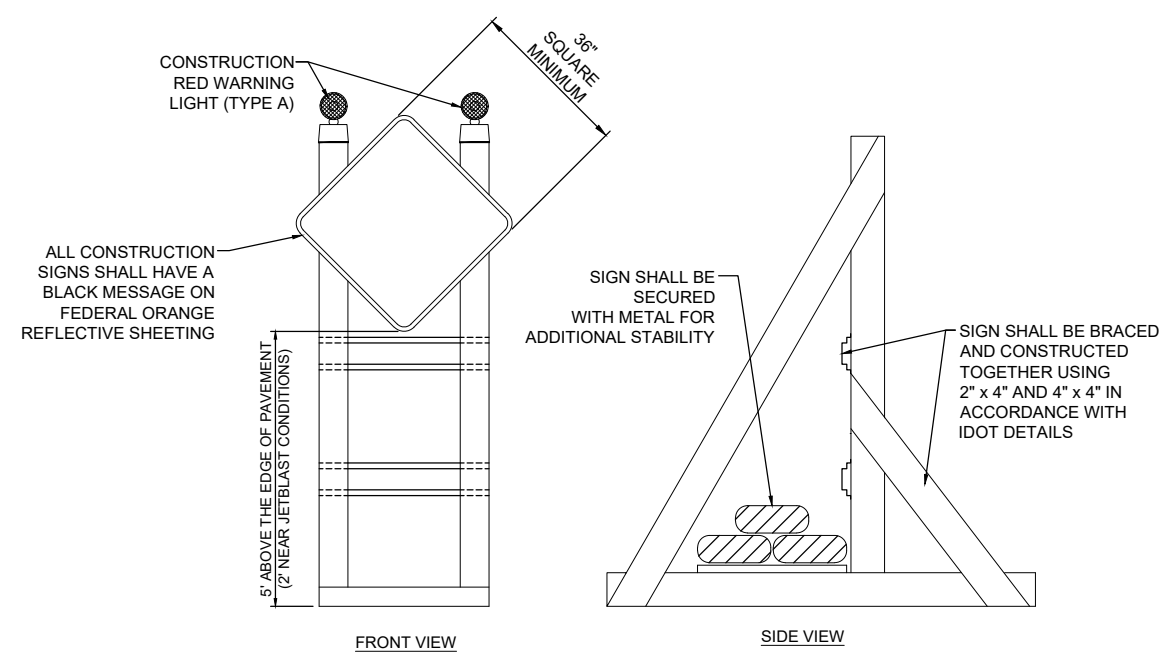


W20-3
 48" x 48" A



W20-3
 48" x 48" B

CONSTRUCTION SIGNS
 NOT TO SCALE



SIGNAGE NOTES

1. ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
2. UNLESS OTHERWISE SPECIFIED, CONSTRUCTION SIGNS SHALL BE MOUNTED ON PORTABLE OR NON-PORTABLE SUPPORTS. A PORTABLE SUPPORT IS DEFINED AS A TYPICAL SIGN STANDARD AS SHOWN ON THIS SHEET, OR A SMALL LIGHT WEIGHT TRAILER. A NON-PORTABLE SUPPORT IS DEFINED AS DRIVEN METAL OR WOOD POST. ALL SIGNS, REGARDLESS OF THE TYPE OF SUPPORTS USED, SHALL BE MOUNTED SUCH THAT THE MESSAGE ON THE SIGN IS LEVEL IN THE HORIZONTAL PLANE AFTER PLACEMENT. THE COST OF CONSTRUCTION WARNING LIGHTS SHALL BE INCLUDED IN THE COST OF THE CONSTRUCTION SIGNS.
3. CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY ARE TO BE USED IN A LOW INTENSITY FLASHING MODE (TYPE A).
4. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
5. COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING SIGNS SHALL BE INCLUDED IN ITEM AR150530 TRAFFIC CONTROL

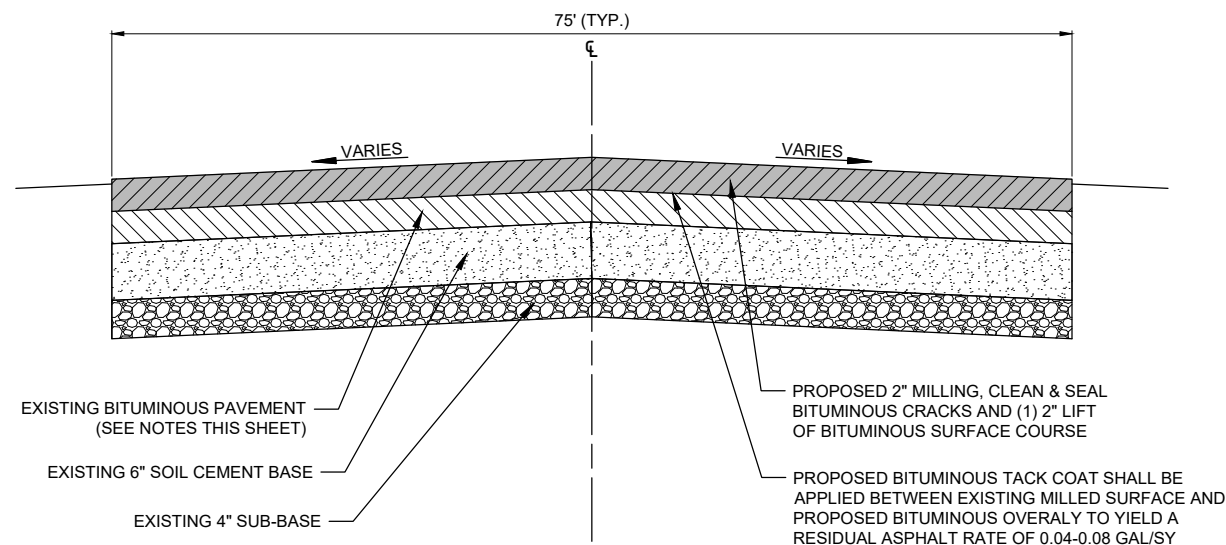


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REHABILITATE
 RUNWAY 9/27

IDA No: VLA-5123
 SBG No. 3-17-SBGP-TBD



PROPOSED TYPICAL SECTION - RUNWAY 9-27

NOT TO SCALE

NOTES:

1. MAINLINE RUNWAY 9/27 EXISTING SECTION CONSISTS OF APPROXIMATELY:
 0.1' POROUS FRICTION COURSE (PFC)
 2" BITUMINOUS SURFACE COURSE
 VARIABLE DEPTH BITUMINOUS BASE COURSE
 2" BITUMINOUS SURFACE COURSE
 6" SOIL CEMENT BASE
 4" SUBBASE
2. RUNWAY 9/27 TURNAROUNDS EXISTING SECTION CONSISTS OF APPROXIMATELY:
 0.1' POROUS FRICTION COURSE (PFC)
 2" BITUMINOUS SURFACE COURSE
 2" BITUMINOUS BASE COURSE
 6" CRUSHED AGGREGATE BASE

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SHEET TITLE

PROPOSED TYPICAL
 SECTIONS

FOR BID



DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE
 RUNWAY 9/27

IDA No: VLA-5123

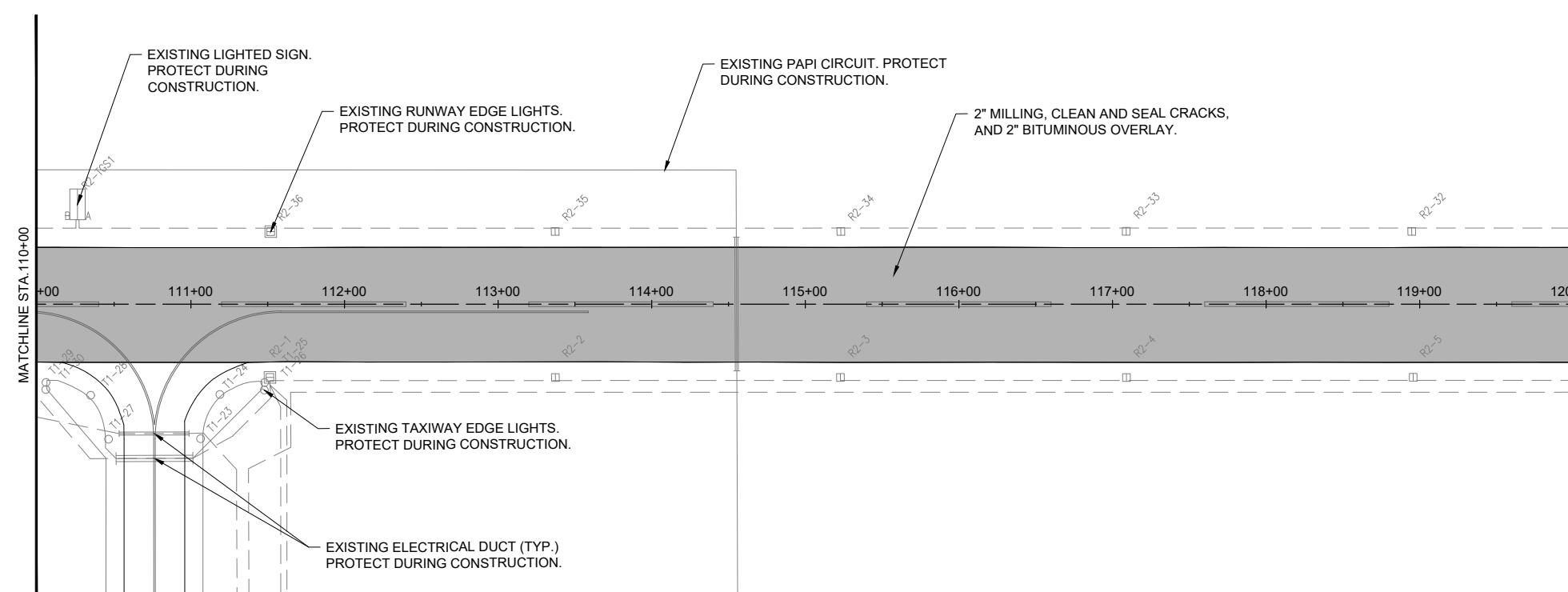
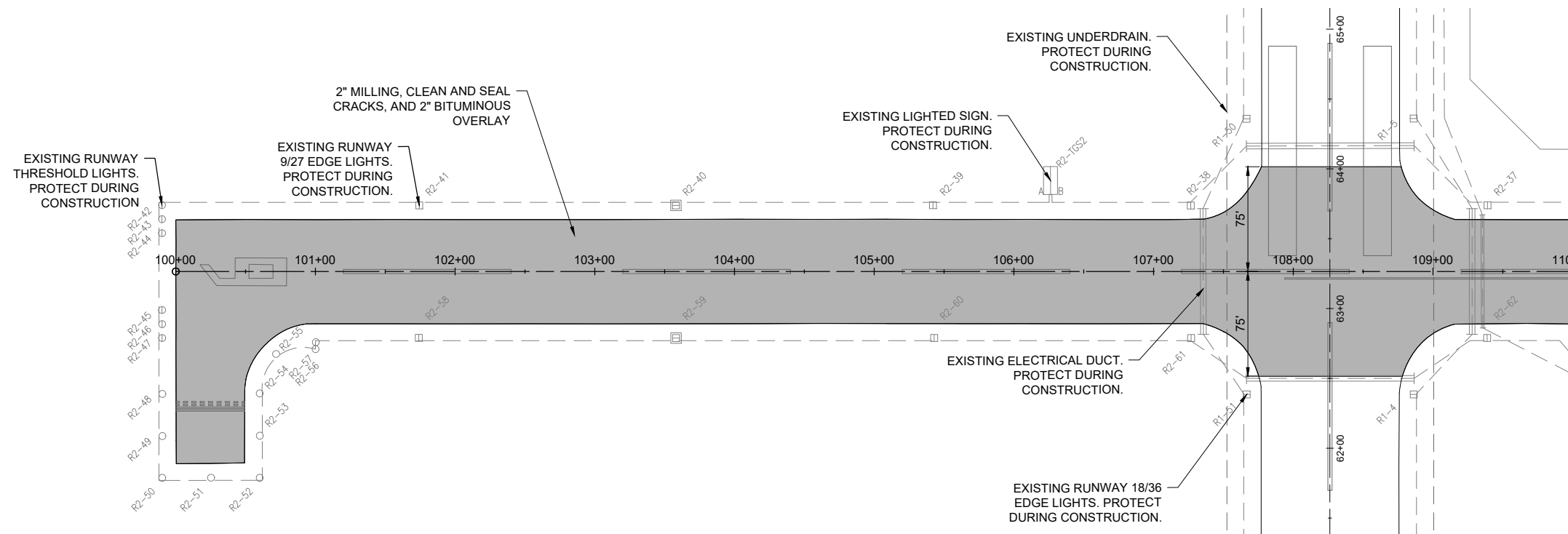
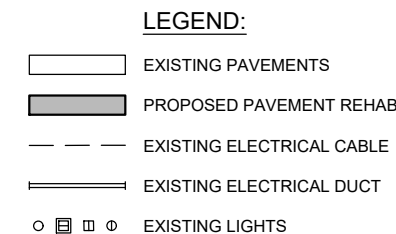
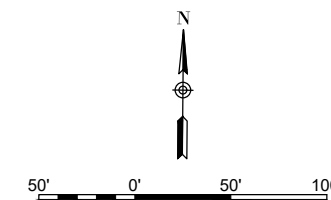
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SHEET TITLE

PROPOSED
 CONSTRUCTION
 PLAN - SHEET 1



CLEAN & SEAL BITUMINOUS CRACKS NOTES:

1. THE EXACT AMOUNT OF CRACKS TO BE CLEANED & SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER/TECHNICIAN AT THE TIME OF CONSTRUCTION.
2. ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN FOR REPAIR WILL BE COMPLETED AS STATED IN THE SPECIAL PROVISIONS.
3. THE PROPOSED CLEANING & SEALING OF THE IDENTIFIED CRACKS SHALL BE PERFORMED FOLLOWING THE PAVEMENT MILLING OPERATIONS AND PRIOR TO THE BITUMINOUS OVERLAY.



DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE
 RUNWAY 9/27

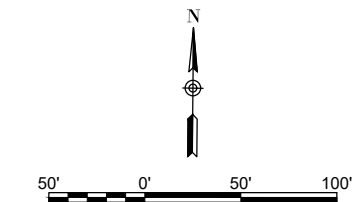
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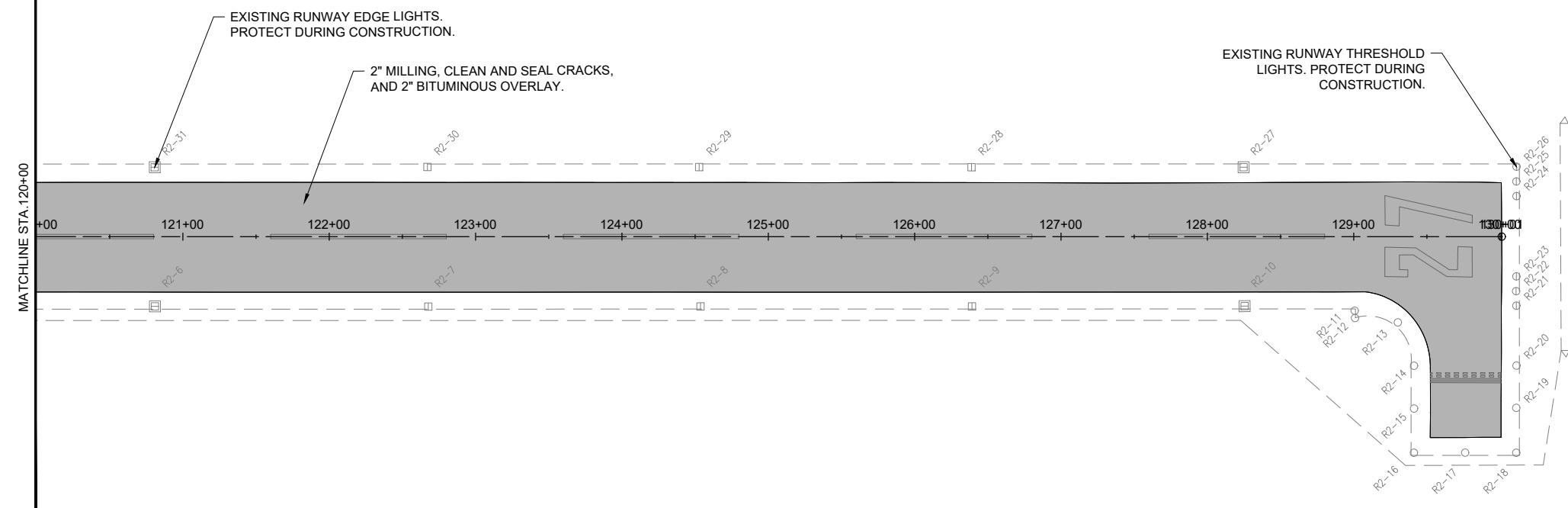
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PROPOSED
 CONSTRUCTION
 PLAN - SHEET 2



LEGEND:

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT REHAB
- EXISTING ELECTRICAL CABLE
- EXISTING ELECTRICAL DUCT
- EXISTING LIGHTS



- CLEAN & SEAL BITUMINOUS CRACKS NOTES:**
1. THE EXACT AMOUNT OF CRACKS TO BE CLEANED & SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER/TECHNICIAN AT THE TIME OF CONSTRUCTION.
 2. ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN FOR REPAIR WILL BE COMPLETED AS STATED IN THE SPECIAL PROVISIONS.
 3. THE PROPOSED CLEANING & SEALING OF THE IDENTIFIED CRACKS SHALL BE PERFORMED FOLLOWING THE PAVEMENT MILLING OPERATIONS AND PRIOR TO THE BITUMINOUS OVERLAY.

FOR BID



Jaycen R. Herndon

DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE
 RUNWAY 9/27

IDA No: VLA-5123

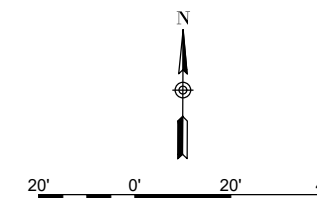
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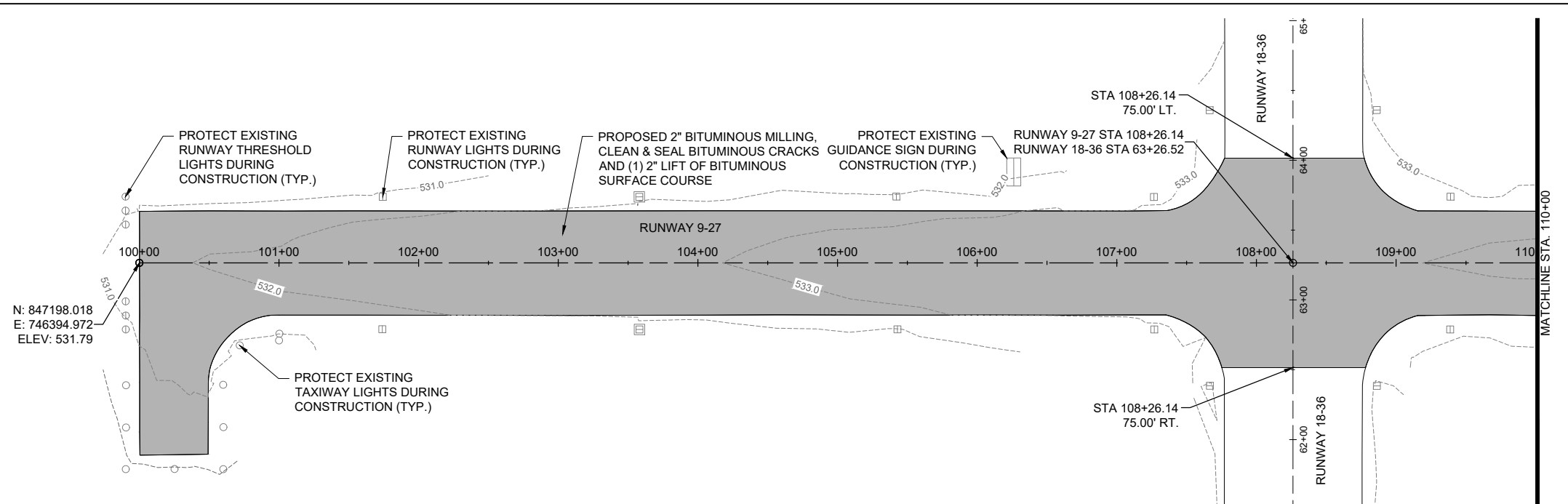
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 CAD FILE: C-701-PNP.DWG
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SHEET TITLE

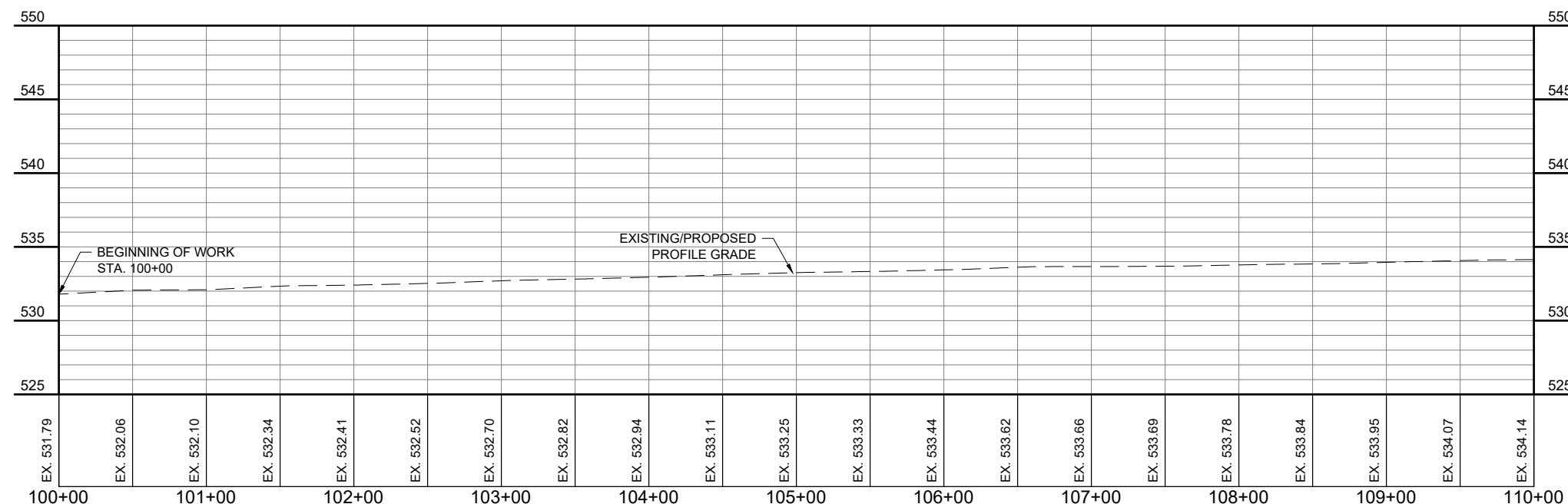
PROPOSED PLAN &
 PROFILE - SHEET 1



LEGEND:
 EXISTING PAVEMENTS
 PROPOSED PAVEMENT



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REHABILITATE
 RUNWAY 9/27

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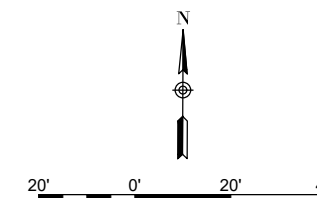
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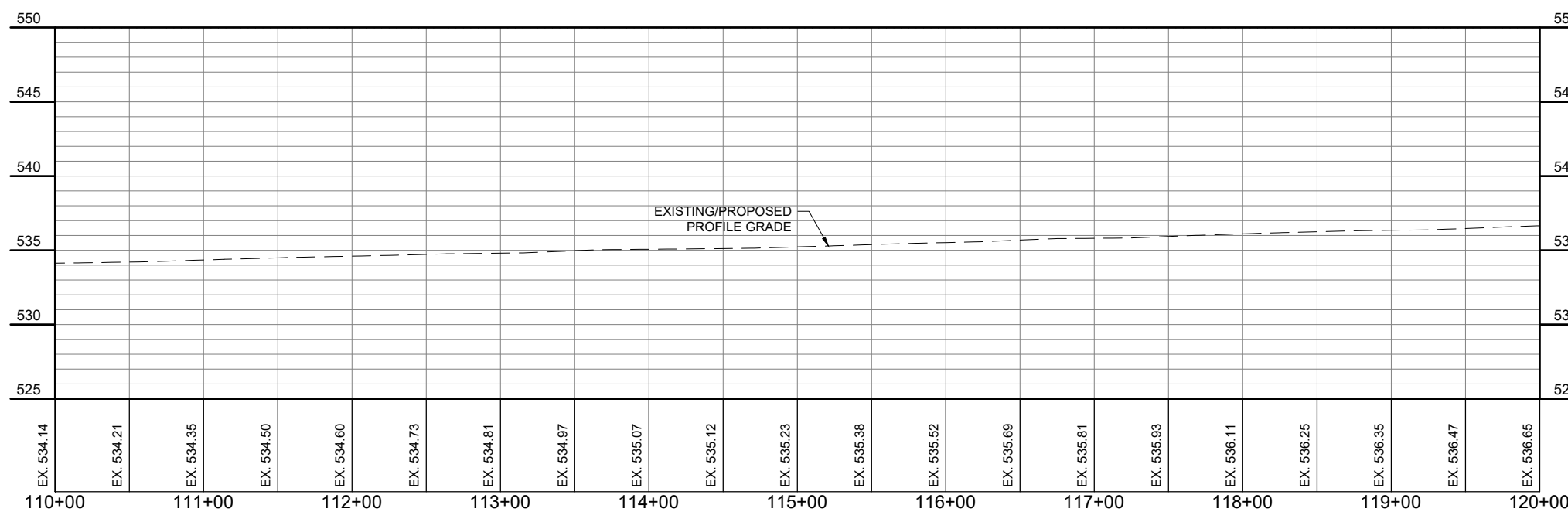
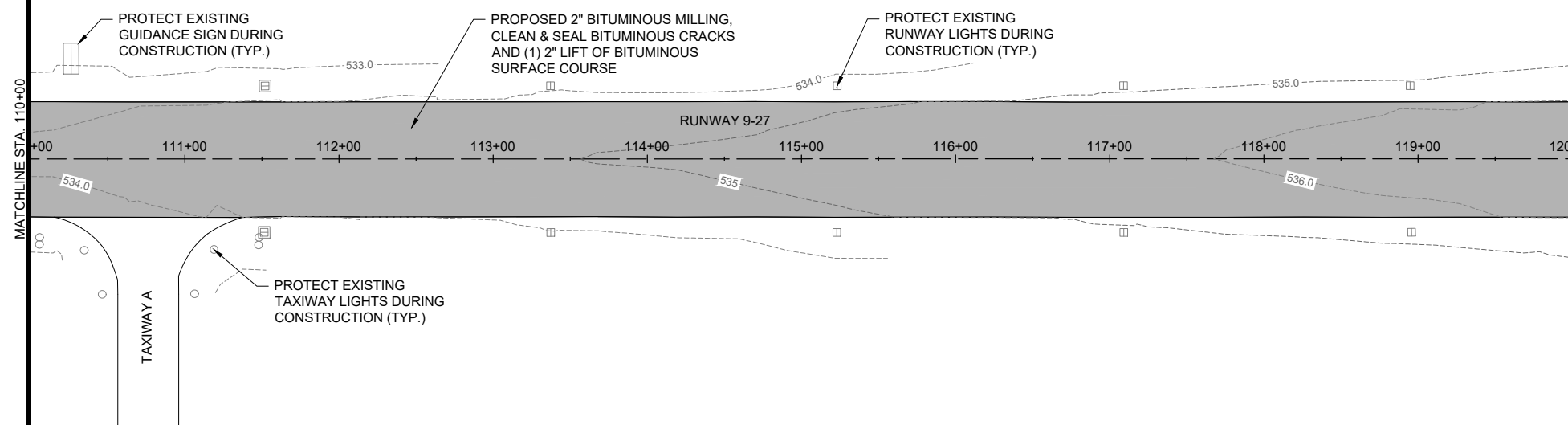
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SHEET TITLE

PROPOSED PLAN &
 PROFILE - SHEET 2



LEGEND:
 EXISTING PAVEMENTS
 PROPOSED PAVEMENT
 EXISTING BUILDINGS





Jaycen R. Herndon

DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE
 RUNWAY 9/27

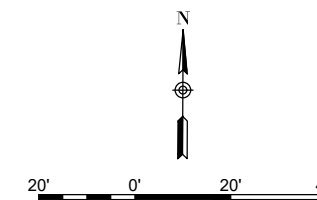
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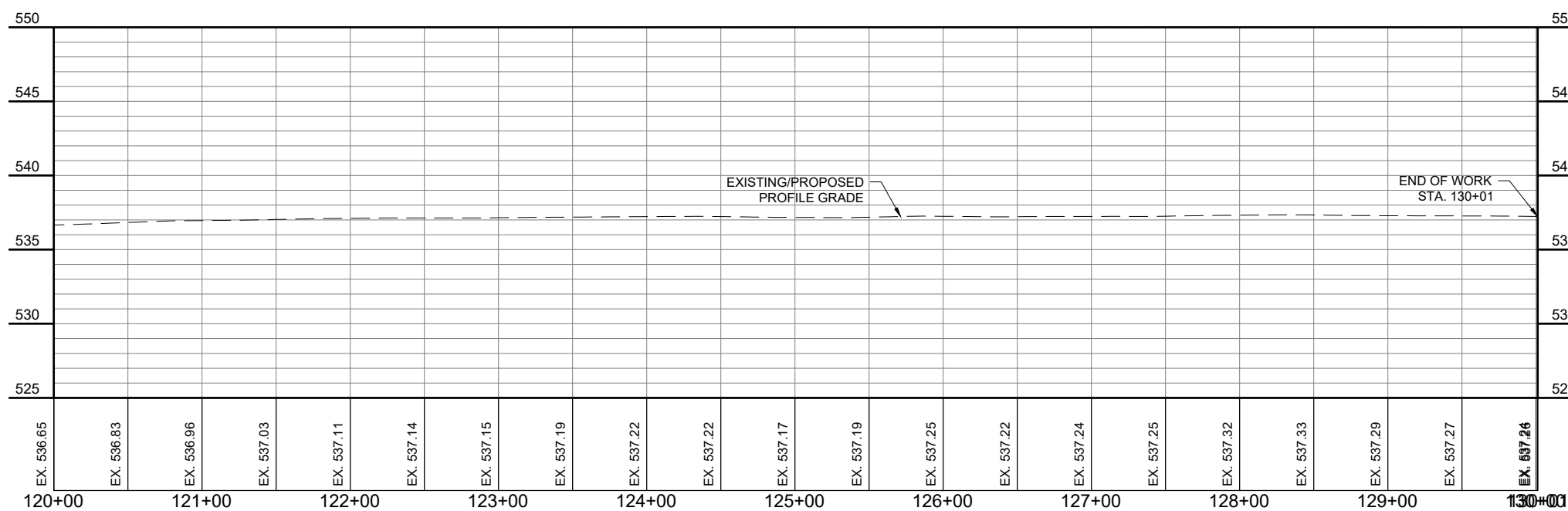
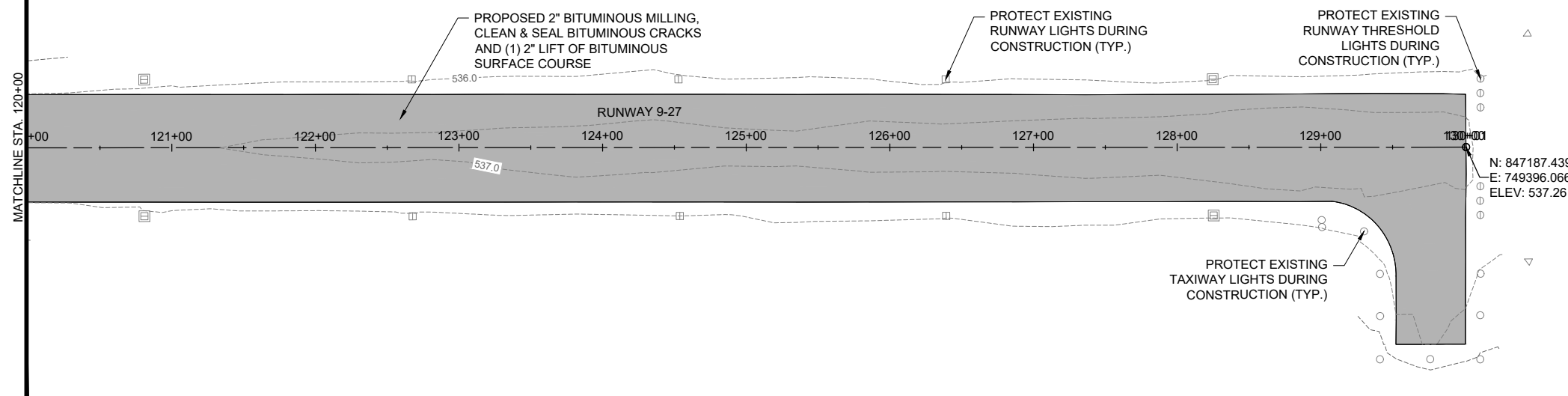
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 DRAWN BY: AJL 02/28/2024
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SHEET TITLE

PROPOSED PLAN &
 PROFILE - SHEET 3



LEGEND:
 EXISTING PAVEMENTS
 PROPOSED PAVEMENT
 EXISTING BUILDINGS





Jaycen R. Herndon

DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

**REHABILITATE
 RUNWAY 9/27**

IDA No: VLA-5123
 SBG No. 3-17-SBGP-TBD

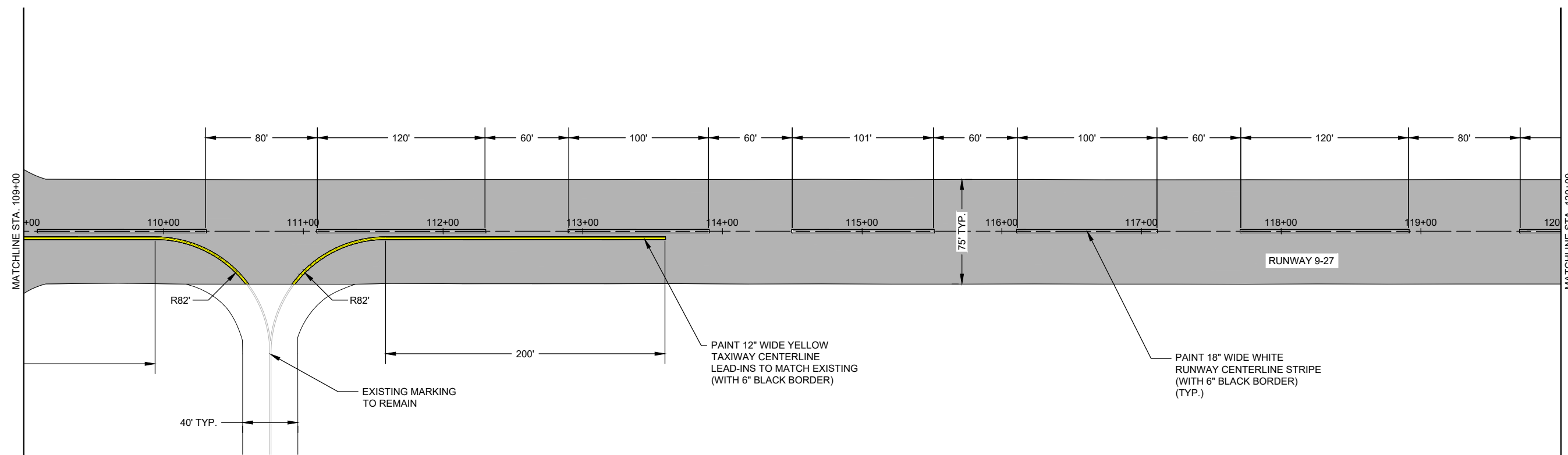
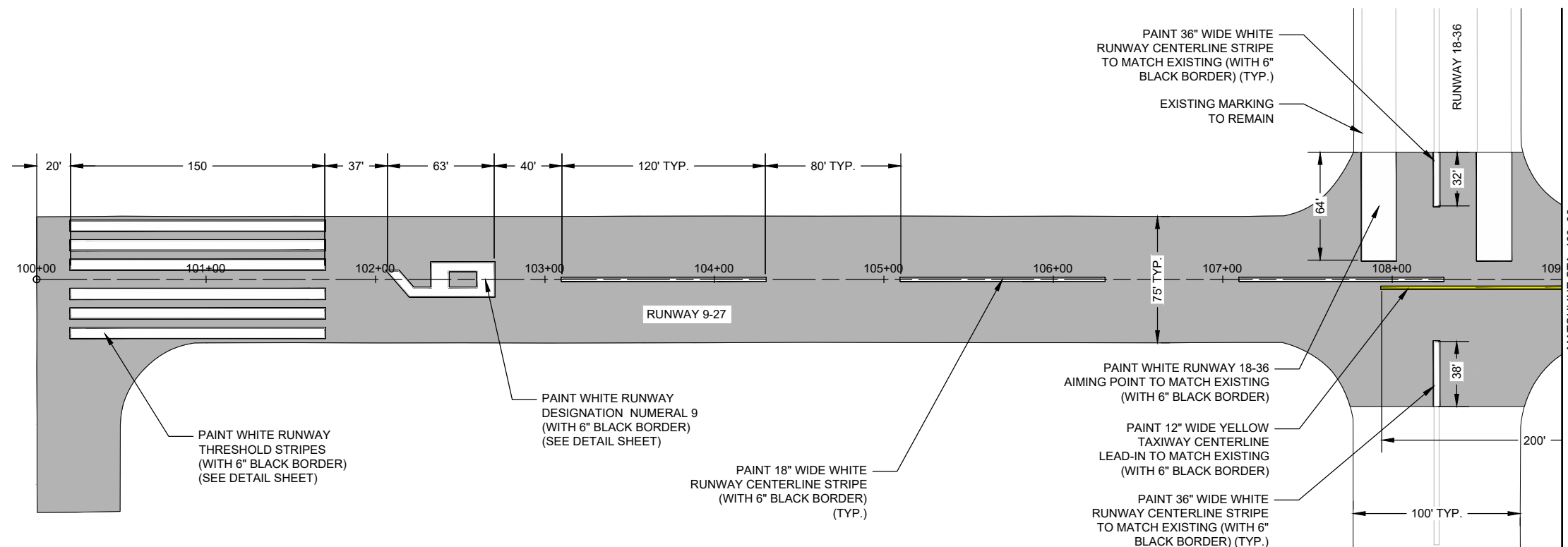
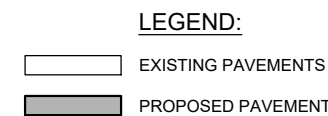
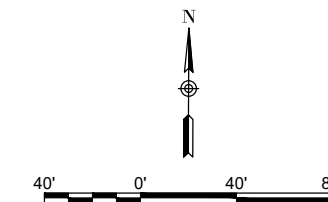
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SHEET TITLE

**PROPOSED MARKING
 PLAN - SHEET 1**

FOR BID



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Jaycen R. Herndon

DATE: 04/19/2024 LICENSE: 062-069664
SIGNED: 04/19/2024 EXPIRES: 11/30/2025

REHABILITATE
RUNWAY 9/27

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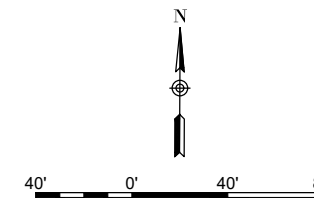
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SHEET TITLE

PROPOSED MARKING
PLAN - SHEET 2



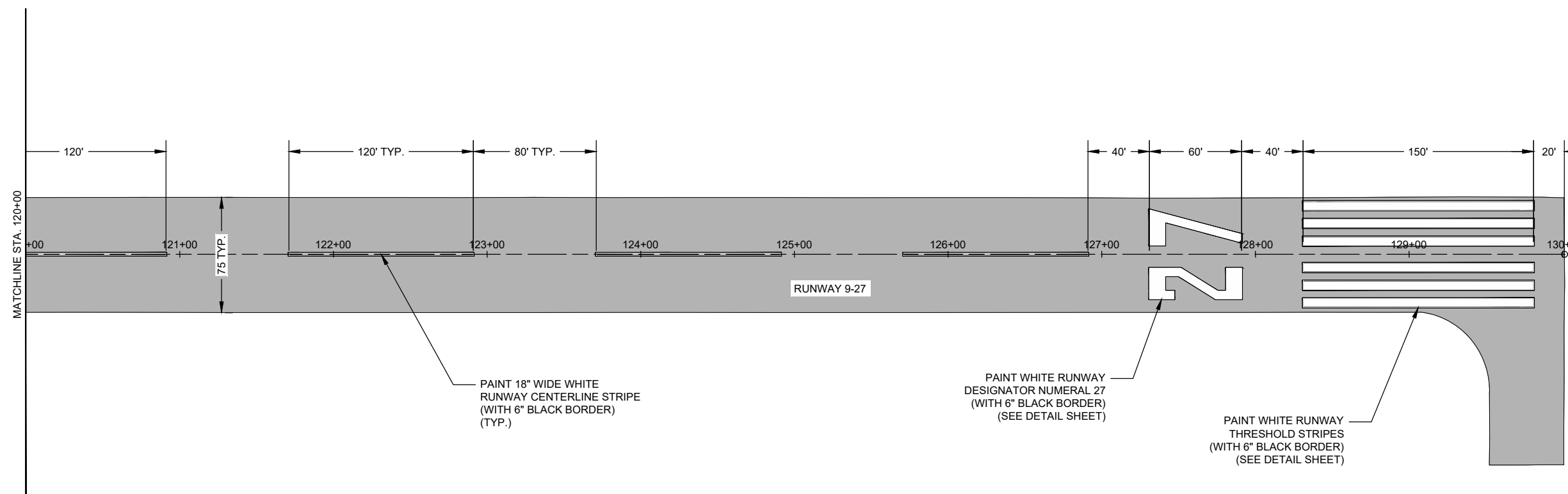
LEGEND:

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT

PAVEMENT MARKING NOTES

1. GLASS BEADS SHALL BE REQUIRED FOR ALL WHITE AND YELLOW PERMANENT PAINT MARKINGS. GLASS BEADS ARE NOT REQUIRED FOR TEMPORARY MARKINGS OR BLACK PAINT. REFER TO SPECIFICATION ITEM 620 FOR ADDITIONAL INFORMATION.
2. IMMEDIATELY PRIOR TO THE APPLICATION OF PAINT, ALL SURFACES SHALL BE DRY AND FREE FROM DIRT, GREASE, OIL, LAITANCE, OR OTHER FOREIGN MATERIAL WHICH WOULD REDUCE THE BOND BETWEEN THE PAINT AND THE PAVEMENT. THIS SHALL INCLUDE PAINTED AREAS ON THE EXISTING PAVEMENTS. REFER TO SPECIFICATION P-620-3.3 FOR ADDITIONAL INFORMATION.
3. EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF THE MARKINGS SHOWN ON THE MARKING PLAN WHICH ARE REMOVED OR WORN DUE TO CONSTRUCTION ACTIVITY SHALL BE REPAINTED. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR THIS WORK.

MARKING QUANTITIES	
WHITE MARKING	
DESCRIPTION	AREA (S.F.)
RUNWAY 9-27 THRESHOLD STRIPES	10,350
RUNWAY DESIGNATOR NUMERAL 9	712
RUNWAY DESIGNATOR NUMERAL 27	1,123
RUNWAY 9-27 CENTERLINE STRIPES	2,252
RUNWAY 18-36 AIMING POINTS	2,548
RUNWAY 18-36 CENTERLINES	212
TOTAL AREA	17,197
YELLOW MARKING	
DESCRIPTION	AREA (S.F.)
12" TAXIWAY LEAD-IN LINES	553
TOTAL AREA	553
BLACK BORDER	
DESCRIPTION	AREA (S.F.)
RUNWAY 9-27 THRESHOLD STRIPES	1,881
RUNWAY DESIGNATOR NUMERAL 9	113
RUNWAY DESIGNATOR NUMERAL 27	191
RUNWAY 9-27 CENTERLINE STRIPES	1,534
RUNWAY 18-36 AIMING POINTS	149
RUNWAY 18-36 CENTERLINES	74
TAXIWAY LEAD-IN LINES	555
TOTAL AREA	4,497



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FOR BID



DATE SIGNED: 04/19/2024 LICENSE EXPIRES: 11/30/2025

REHABILITATE
RUNWAY 9/27

IDA No: VLA-5123

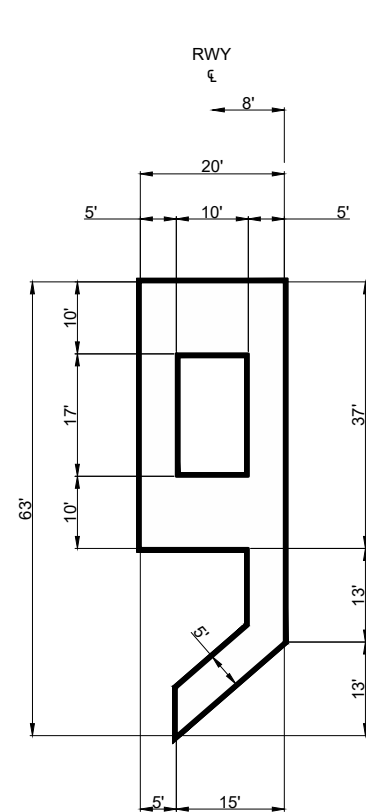
SBG No. 3-17-SBGP-TBD

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: APRIL 19, 2024
PROJECT NO: 24A0006.00
CAD FILE: C-151-MRK.DWG
DESIGN BY: JRH 02/15/2024
DRAWN BY: AJL 02/28/2024
REVIEWED BY: JRH 04/19/2024

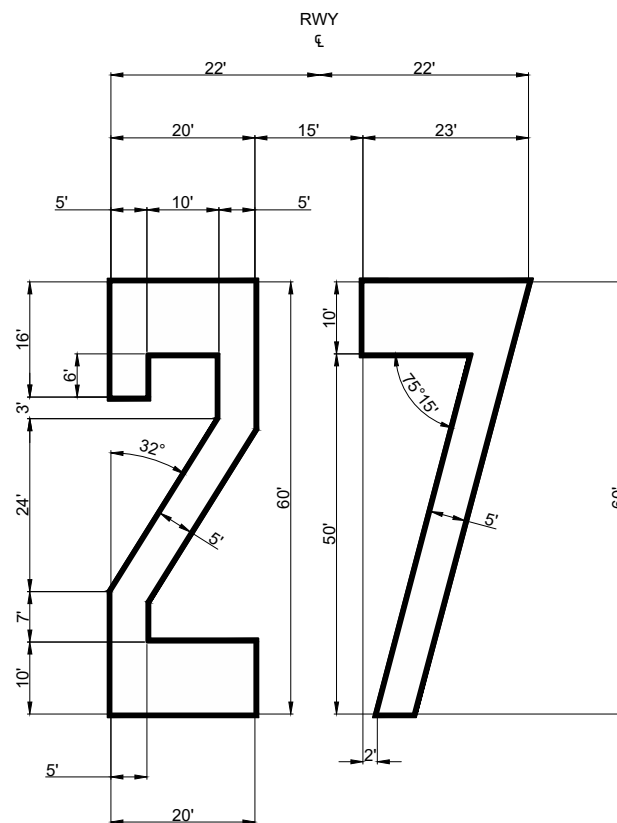
SHEET TITLE

MARKING DETAILS
AND NOTES



WHITE 712 S.F.
BLACK = 113 S.F.

RUNWAY 9 DESIGNATION MARKING
NOT TO SCALE

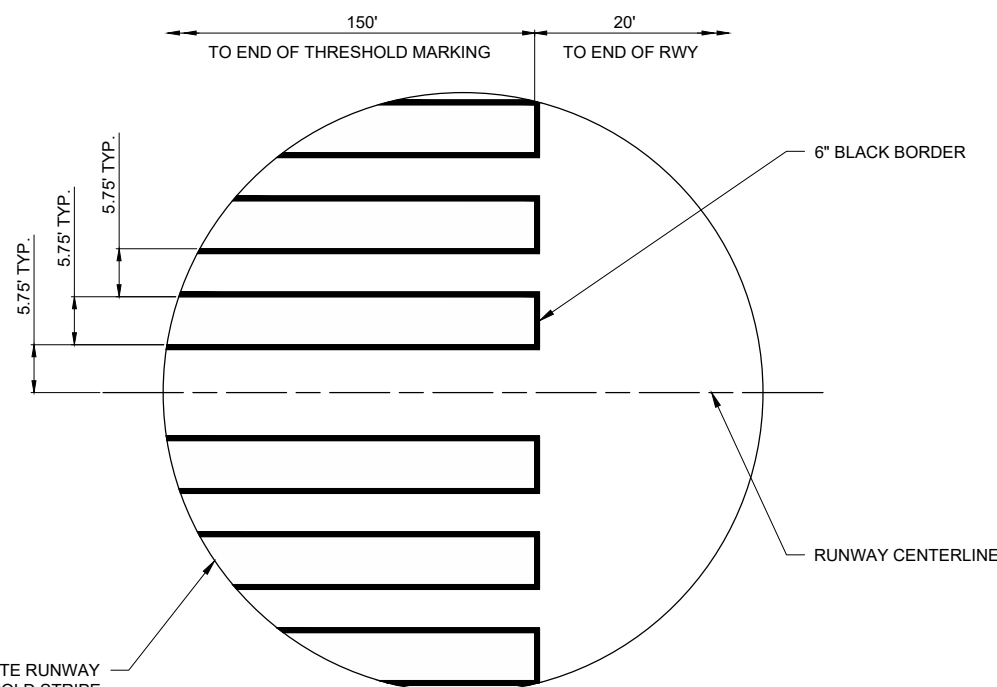


WHITE 652 S.F. WHITE 471 S.F.
BLACK = 106 S.F. BLACK = 85 S.F.

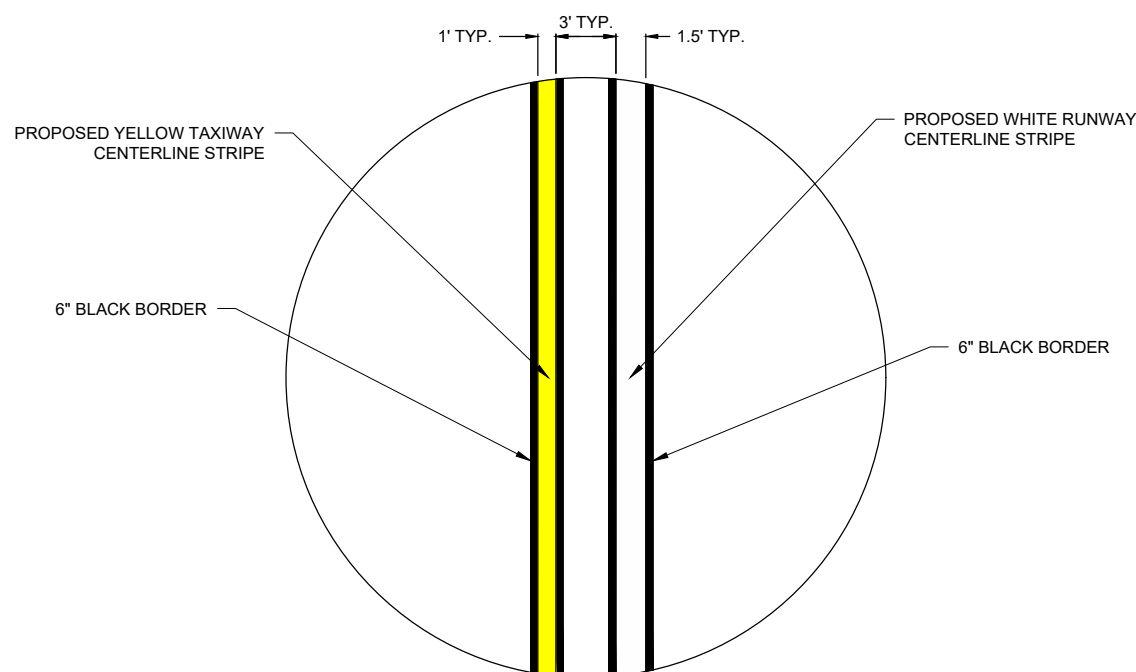
RUNWAY 27 DESIGNATION MARKING
NOT TO SCALE

RUNWAY DESIGNATION MARKING NOTES

1. DIMENSIONS PROVIDED ARE FOR WHITE MARKINGS.
2. ALL NUMERAL MARKING WILL BE WHITE IN COLOR WITH A 6" BLACK BORDER.
3. NUMERALS ARE HORIZONTALLY SPACED 15 FEET APART.
4. DOUBLE DIGIT NUMERAL DESIGNATIONS ARE CENTERED ON THE RUNWAY PAVEMENT CENTERLINE BASED ON THE CENTER OF THE OUTER EDGES OF THE TWO NUMERALS.



THRESHOLD STRIPE DETAIL
NOT TO SCALE



TAXIWAY CENTERLINE LEAD-IN DETAIL
NOT TO SCALE

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